

at page 39, line 16, after "QARKLGIQ", please insert --(SEQ ID NO:9)--;

at page 40, line 23, after "DVGGQ", please insert --(SEQ ID NO:10)--;

at page 62, line 40, after "(SEQ ID NO:", please insert --11--;

at page 62, line 41, after "(SEQ ID NO:", please insert --12--;

at page 63, line 38, after "(SEQ ID NO:", please insert --13--;

at page 63, line 39, after "(SEQ ID NO:", please insert --14--;

at page 63, line 40, after "(SEQ ID NO:", please insert --15--;

at page 63, line 48, after "(SEQ ID NO:", please insert --16--;

at page 63, line 49, after "(SEQ ID NO:", please insert --17--;

at page 63, line 50, after "(SEQ ID NO:", please insert --18--;

at page 63, line 51, after "(SEQ ID NO:", please insert --19--;

at page 63, line 52, after "(SEQ ID NO:", please insert --20--;

at page 63, line 53, after "(SEQ ID NO:", please insert --21--;

at page 64, line 5, after "(SEQ ID NO:", please insert --22--;

at page 64, line 6, after "(SEQ ID NO:", please insert --23--;

at page 64, line 10, after "(SEQ ID NO:", please insert --24--;

at page 64, line 11, after "(SEQ ID NO:", please insert --25--;

at page 64, line 17, after "(SEQ ID NO:", please insert --26--;

at page 64, line 18, after "(SEQ ID NO:", please insert --27--;

at page 64, line 19, after "(SEQ ID NO:", please insert --28--;

at page 64, line 20, after "(SEQ ID NO:", please insert --29--;

at page 64, line 21, after "(SEQ ID NO:", please insert --30--;

at page 64, line 22, after "(SEQ ID NO:", please insert --31--;

at page 64, line 23, after "(SEQ ID NO:", please insert --32--;

at page 64, line 24, after "(SEQ ID NO:", please insert --33--;

at page 64, line 36, after "(SEQ ID NO:", please insert --34--;

at page 64, line 37, after "(SEQ ID NO:", please insert --35--;

at page 64, line 38, after "(SEQ ID NO:", please insert --36--;

at page 64, line 39, after "(SEQ ID NO:", please insert --37--;

at page 64, line 40, after "(SEQ ID NO:", please insert --38--;  
at page 64, line 41, after "(SEQ ID NO:", please insert --39--;  
at page 64, line 42, after "(SEQ ID NO:", please insert --40--;  
at page 64, line 43, after "(SEQ ID NO:", please insert --41--;  
at page 67, line 18, after "(SEQ ID NO:", please insert --42--;  
at page 67, line 19, after "(SEQ ID NO:", please insert --43--;  
at page 67, line 24, after "(SEQ ID NO:", please insert --44--;  
at page 67, line 26, after "(SEQ ID NO:", please insert --45--;  
at page 67, lines 29 and 30, after "(SEQ ID NO:", please insert --46--;  
at page 67, line 31, after "(SEQ ID NO:", please insert --47--;  
at page 67, line 43, after "rIL8aR", please insert --(SEQ ID NO:3)--; and  
at page 67, line 44, after "hGalR1", please insert --(SEQ ID NO:5)--.

In the Claims:

Please cancel claims 15-42 without prejudice.

Please add claim 43 as follows:

a  
1  
43. (New) The receptor of claim 1, wherein said wild type G protein coupled receptor is a member of the rhodopsin family of receptors.

Please amend claims 1, 8, and 11-14 as follows:

a  
2  
1. (Amended) A mutant mammalian G-protein coupled receptor having an amino acid sequence which [varies] differs from a wild type G protein-coupled receptor having a wild type amino acid sequence comprising an amino acid motif [[X<sub>1</sub>X<sub>2</sub>X<sub>3</sub>X<sub>4</sub>]] (X<sub>1</sub>X<sub>2</sub>X<sub>3</sub>X<sub>4</sub>) [lying near] proximal to the carboxy terminal end of said [domain] wild type amino acid sequence, wherein:

X<sub>1</sub> denotes an amino acid residue at position 1 of said motif and is selected from the group consisting of Phe, Leu, Val, and Tyr;

X<sub>2</sub> denotes an amino acid residue at position 2 of said motif and is selected from the group consisting of Phe, Lys and Gln;

X<sub>3</sub> denotes an amino acid residue at position 3 of said motif and is selected from the group consisting of Leu, Arg, Glu, Asn, Gln, Ser, Ala, Leu ; and